

CLAIMS

What is claimed is:

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1. A panel for a circuit sled module comprising:
a panel having a front, top, and a bottom, the panel being rotatably connected to
5 the circuit sled module; and
at least one hook near the bottom of the panel engaging a catch of a tray when
the panel is rotated into a closed position.
 2. The panel of claim 1 further comprising a fastener releasably locking the panel
to the circuit sled module.
 - 10 3. The panel of claim 2 wherein the fastener is a screw attached to the panel.
 4. The panel of claim 2 wherein the fastener is a clip.
 5. The panel of claim 2 wherein the fastener is a key-operated lock.
 6. The panel of claim 1 wherein the panel serves as a lever for extracting the circuit
sled module from the tray when the panel is in an open position.
 - 15 7. The panel of claim 1 further comprising at least one side wall having at least one
hook extending from a portion of the side wall near the bottom of the panel.
 8. The panel of claim 1 wherein the circuit sled module comprises a hard disk
drive.

9. The panel of claim 1 further comprising vents in the front of the panel.
10. The panel of claim 1 further comprising electrically conductive grounding tabs electrically connecting the panel to an adjacent panel.
11. The panel of claim 1 wherein when the panel is rotated away from the circuit sled module the bottom of the panel engages an outer surface of the catch and provides a force which disengages mating connectors.
12. A panel for a circuit sled module comprising:
a panel having a front, top, and a bottom, the panel being rotatably connected to the circuit sled module; and
at least one hook near the bottom of the panel engaging a catch of a tray when the panel is in a closed position;
wherein the panel serves as a lever for extracting the circuit sled module from the tray when the panel is in an open position.
13. A panel for a circuit sled module comprising:
a panel having a front, top, bottom, and a left side wall and right side wall extending from the front;
holes in the side walls near the top of the panel, said holes receiving an axle connected to the circuit sled module, the panel rotating about an axis formed by the axle; and
at least one hook near the top of the panel engaging a catch of a tray when the panel is in a closed position.
14. A method for extracting a circuit sled module from a tray comprising:
providing a circuit sled module having a front panel comprising a front, top, and a bottom, the panel being rotatably connected to the circuit sled module;

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rotating the front panel away from the circuit sled module until the bottom portion of the front panel engages a lip of a tray forcing the circuit sled module to be released from the tray; and

pulling on the front panel to extract the circuit sled module from the tray.

- 5 15. A method for inserting a circuit sled module into a tray comprising:
- providing a circuit sled module having a front panel comprising a front, top, bottom, and at least one hook near the bottom of the panel engaging a catch of a tray when the panel is in a closed position, the panel being rotatably connected to the circuit sled module;
- 10 inserting the circuit sled module into the tray; and
- rotating the front panel toward the closed position until the at least one hook engages the catch of the tray.

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